



P R O G R A M **2007 DISABILITY ACCESS** **C O N F E R E N C E** *Design for All*



September 6, 2007

Ala Moana Hotel
8:30 am - 4:30 pm

***This year sixteen workshops
focus on:***

Residential Design

Urban Planning

Public Right-of-Way

Outdoor Recreation

Facility Access

Presented by the:

Disability and Communication Access Board

919 Ala Moana Blvd., Room 101

Honolulu, HI 96814

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<http://www.hawaii.gov/health/dcab>



Message from Governor Linda Lingle

and

Lt. Governor James R. "Duke" Aiona, Jr.

presented to the

**2007 DISABILITY ACCESS
"DESIGN FOR ALL" CONFERENCE
SEPTEMBER 6, 2007**

On behalf of the people of Hawai'i, we send greetings of aloha to everyone gathered at the Ala Moana Hotel for this important conference.

The Americans with Disabilities Act and the Fair Housing Act are two of many significant laws impacting the rights of people with disabilities. This Conference, sponsored by the Disability and Communication Access Board of the State Department of Health, offers participants an important opportunity to expand their knowledge of accessibility and universal design, in order to help make Hawai'i a state that respects and accommodates individuals of all ages and abilities.

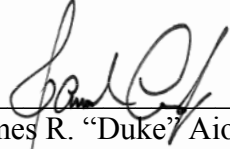
This year's topics, "Aging in Place," "Livable Communities" and "Emergency Shelters," are especially relevant given our state's and nation's aging population.

We appreciate the Disability and Communication Access Board's continued dedication to fostering education and assistance for our disabled citizens, and we extend our best wishes for another successful conference.

Aloha,



Linda Lingle
Governor, State of Hawai'i



James R. "Duke" Aiona, Jr.
Lieutenant Governor, State of Hawai'i



WELCOME & INFORMATION

On behalf of the Conference planning committee we would like to welcome you to the 2007 Disability Access Conference. Our Conference is being held on the second floor of the Ala Moana Hotel.

The following are some helpful hints during the Conference:

- Continental breakfast will be served in the Hibiscus Ballroom from 7:30 - 8:15 am.
- Parking \$2 with validation (Validation is available at the Registration Desk.)
- Restrooms are located on the second floor adjacent to the elevators (see map insert).
- Sign language interpreters and other communication assistants have been scheduled as requested on the Registration Form, if registered before August 23, 2007. Please check with the Conference Registration Desk if you have any questions.
- Alternate formats have been made for sessions as requested on the Registration Form. Please pick up alternate formats at the Conference Registration Desk.
- Lunch will be served in the Hibiscus Ballroom at 12:15 pm.

Please fill out the evaluation sheet for the conference and return it to session room monitors or the Conference Registration Desk upon your completion of the last session. Your feedback will help us plan future conferences. Should you wish to provide us with more comments or suggestions please feel free to e-mail us at the Disability and Communication Access Board: dcab@doh.hawaii.gov.



KEYNOTE SPEAKERS

Edward Steinfeld, Arch. D., Dr. Steinfeld is a registered architect and design researcher with special interests in universal design, accessibility and design for the lifespan. At State University of New York/Buffalo, he is a Professor of Architecture and Director of the Center for Inclusive Design and Environmental Access (IDEA). He also directs the Rehabilitation Engineering Research Center on Universal Design and the Built Environment, which is housed at the IDEA Center. Dr. Steinfeld has published extensively and received many awards for his research and design work, including a Distinguished Professor Award from the Association of Collegiate Schools of Architecture for 2003. He has had extensive experience in accessibility, home modifications for older people and inclusive design of housing and is one of the authors of the Principles of Universal Design. His current work includes projects on anthropometry of disability, Visitability, housing for an aging society and development of evidence based guidelines for universal design.

Russ Saito, State Comptroller and Director, State of Hawaii Department of Accounting and General Services (DAGS). With DAGS' eight divisions and four attached agencies, Saito's charge is to improve the procurement process, strengthen project and construction management, shorten processing and payment intervals, effectively use IT resources, and increase efficiency of operations. The Kaimuki High School graduate has a Bachelor's and a Master's degree in Electrical Engineering from the University of Hawaii and a Master's degree in business management from Central Michigan University.



CONFERENCE SCHEDULE

7:30 am - 8:15 am
REGISTRATION - Pre-Function

8:30 am - 9:30 am
CONTINENTAL BREAKFAST / PLENARY SESSION - Hibiscus Ballroom

“Akahai, Lo kahi, Olu`olu, Ha`aha`a, Aho nui....The Aloha Spirit Through Design”

Universal design captures the Aloha Spirit in the design of our world. It extends beyond minimum accessibility provisions to address a much wider range of issues. Recognizing the universal need for supportive environments, it benefits everyone, not just a protected group. The result is a built environment that is more welcoming to everyone, helps eliminate stigma based on difference, has increased value and contributes to more sustainable communities – an environment that everyone appreciates and likes to use. This presentation will explain the philosophy behind the concept, provide examples from policy development, regulatory activity and design practice and outline an agenda for increasing the adoption of universal design principles by government, community organizations, businesses, design professionals and individuals. **Speaker: Edward Steinfeld, Arch. D.**

9:45 am - 10:45 am
CONCURRENT SESSIONS

Session #1 - “The Top 10 Fair Housing Act Design Errors”

The past few years have seen many new Fair Housing Act (FHA) design and construction lawsuits. This seminar will highlight the top 10 design and construction errors that architects, engineers, builders and developers make under the FHA. Learn about the eight HUD recognized design “safe harbor” specifications and other ways to ensure multi-family dwellings are designed for everyone. **Speaker: Bill Hecker; Ilima Room (AIA/CES: 1 HSW LU)**

Session #2 - “Outdoor Recreation Areas In Hawaii”

This panel of State and County agencies will discuss how access has been achieved through various projects throughout the islands. Hear how access will be provided for everyone in the new pedestrian and bike path being constructed on Kauai, some of the lessons learned during the construction of various park and recreation projects completed on the Island of Hawaii, and hear what has worked and what hasn't for one State department as they work on their Transition Plan. **Speakers: Dean Aoki, Douglas Haigh, James Komata; Plumeria Room (AIA/CES: 1 HSW LU)**

Session #3 - “Designing Livable Communities”

Our nation is growing and aging but are our communities prepared? As people age, the way they enjoy and use their community changes. What needs to be done to make the community we live in functional and enjoyable throughout our lifetime? Come and hear how planning for all ages and abilities can be achieved and how we can meet today's diverse population needs by planning communities that are livable and usable by everyone. **Speaker: Jackie Boland; Pakalana/Anthurium Room (AIA/CES: 1 HSW LU)**

Session #4 - “Models Of Enabling Barrier Free Design And Construction”

Using model architectural and civil engineering projects, such as the USS Arizona Memorial Visitor Center, Keahole Kona International Airport and FHWA Kealia Pond, this presentation will discuss how to take advantage of a site's unique characteristics or program mission to enable all individuals, regardless of disability, the opportunity to participate in these unique programs. **Speaker: Jean Tessmer; Carnation Room (AIA/CES: 1 HSW LU)**



CONFERENCE SCHEDULE (cont.)

11:00 am - 12:00 noon CONCURRENT SESSIONS

Session #5 - "Designing For An Aging Population"

As we age our homes can become an obstacle, everyday tasks and chores may become more difficult. Our homes shouldn't add to our frustration or cause us stress; it should be a place to grow old in and relax. What can be done to modify or build a home that would make it easier to use as we age? Come and learn what can be done to make your home easier to use as you get older. **Speaker: Anne Marie Beck;** Plumeria Room (AIA/CES: 1 HSW LU)

Session #6 - "Designing Curb Ramps For All In Hawaii"

In the U.S., Hawaii is at the cutting edge of curb ramp design and construction. Come hear the ADA consultants, as well as the Federal Court Monitor for the ADA cases that sparked the work, describe the pitfalls and triumphs associated with the development and implementation of the ADA Transition Plans. They will also discuss key design features of curb ramps and lessons learned during their 10 years of work associated with these projects. **Speakers: Bill Hecker, Pete Pascua, Paul Sheriff; Ilima Room (AIA/CES: 1 HSW LU)**

Session #7 - "Visitability Initiative - He Hale Kou (You Are Always Welcome Here)"

'Basic Home Access,' often called "Visitability", is an example of universal design applied to housing policy and community planning. The 'Fair Housing Act' mandates accessibility to new multi-family construction, but most of the housing built in the U.S. is single family construction. 'Basic Home Access' extends accessibility to the single family housing market without increasing costs. In this session, the rationale and elements of 'Basic Home Access' will be described and discussed. It will include a presentation of the different approaches being used in local communities and states and the proposed federal law, the *Inclusive Home Design Act*. **Speaker: Edward Steinfeld; Pakalana/Anthurium Room (AIA/CES: 1 HSW LU)**

Session #8 - "U.S. Access Board: An Update"

Did you know that the U.S. Access Board, in addition to developing new guidelines, is also involved in research, development of technical assistance and training material, and they publish a number of documents related to access? Come hear about what the U.S. Access Board is currently working on and what may be "coming down the road" in the future. **Speaker: Bill Botten; Carnation Room (AIA/CES: 1 HSW LU)**

12:15 pm - 2:00 pm LUNCH / KEYNOTE ADDRESS - Hibiscus Ballroom

The Statewide Model Building Code. Speaker: Russ Saito, State Comptroller and Director

ACCESSIBLE DESIGN AWARDS

Design Awards: Presented by Governor Linda Lingle and Dr. Chiyome Leinaala Fukino

2:15 pm - 3:15 pm CONCURRENT SESSIONS

Session #9 - "A Liveable Lifetime Home - How Aging In Place Can Be A Dream Come True"

Part I

This session will review the basics needed to age in place independently through home modifications, universal design, and how it takes a team, time and tenacity to deliver a "forever lifetime home" to make your dreams come true. This session will introduce you to the story of Valerie Hall who unexpectedly met the world of disability and chemical sensitivity. She has learned through personal experience how chronic diseases and incompatibility with the homes we live in create challenges for aging in place. Valerie's quest in modifying her home in Jesup, Georgia is an ongoing struggle that has taken her from city hall battles to the CBS Evening News. **Speaker: Rebecca Stahr; Ilima Room (AIA/CES: 1 HSW LU)**



CONFERENCE SCHEDULE (cont.)

2:15 pm - 3:15 pm CONCURRENT SESSIONS (cont.)

Session #10 - "The Proposed Accessibility Guidelines For Outdoor Developed Areas"

Come hear from the U.S. Access Board about the new proposed Outdoor Developed Areas Accessibility Guidelines which will cover topics such as trails, outdoor recreation access routes, beach access routes, cooking and grilling areas, camping facilities and outdoor rinsing showers. These guidelines will initially apply to Federal lands, with future rulemaking to follow under the ADA affecting State and local governments. **Speaker: Bill Botten; Plumeria Room (AIA/CES: 1 HSW LU)**

Session #11 - "Emergency Disaster Shelters"

Presented by the State Civil Defense, this session will focus on special medical needs shelter planning. This topic includes special medical needs evacuees, level II medical needs shelters and equipment that have been proposed for the special medical needs level II shelters. The discussion will cover the need for generators for life sustaining, compact refrigerators for medications and personal emergency preparedness. **Speaker: Danny Tengan; Pakalana/Anthurium Room (AIA/CES: 1 HSW LU)**

Session #12 - "Accessibility Codes: Which Ones Apply To My Project?"

The Facility Access Unit (FAU) of Disability and Communication Access Board will discuss the various accessibility codes and how to figure out which ones apply to your project. **Speaker: DCAB Staff; Carnation Room (AIA/CES: 1 HSW LU)**

3:30 pm - 4:30 pm CONCURRENT SESSIONS

Session #13 - "A Liveable Lifetime Home – How Aging in Place Can Be a Dream Come True" Part II

Houses we choose to live in will have to work for us, versus we work for them – at any age. This second part to the presentation on creating a "forever lifetime home" continues to use Valerie Hall's home as an example of how good design and knowledge empowerment will be an inspiration to advocates everywhere. **Speaker: Rebecca Stahr; Ilima Room (AIA/CES: 1 HSW LU)**

Session #14 - "Kalakupua Playground - A Magical Playground For All Children"

In 2002, a mother on the Island of Maui started to research how she could help to remedy the lack of playgrounds in the Upcountry area. With the help of a New York-based design firm, Leathers and Associates, hundreds of Maui school children were asked to design their dream playground and in addition, to choose a name for it. Out of several hundred entries, "Magical Playground" was selected. Come and learn how Kalakupua ("magical playground") became a reality and how it provides not only fun but also access to children of all abilities as the playground has incorporated many of the accessibility guidelines for play structures. **Speaker: Karen Cooper; Plumeria Room (AIA/CES: 1 HSW LU)**

Session #15 - "Making Honolulu Pedestrian Friendly and Accessible"

Hawaii residents voted on a charter amendment to make Honolulu a more pedestrian and bike friendly city. But what will it take to make that a reality? What needs to be done? Come hear the Department of Transportation discuss the ideas and plans for making Honolulu more pedestrian friendly and usable by all. **Speaker: Alvin Takeshita; Carnation Room (AIA/CES: 1 HSW LU)**

Session #16 - "I've Got A Question"

Does your project have a unique situation that has you stumped? Do you have a specific project question regarding accessibility? This session will allow participants to ask for technical assistance from the U.S. Access Board and DCAB's Facility Access Unit on any private or public project. Questions may be related to the current ADAAG, the proposed ADA/ABA Accessibility Guidelines, or the Fair Housing Act Accessibility Guidelines. The session is limited to design questions only, not legal advice. Sign-up will be taken at the door and questions will be taken in that order. **Speaker: Bill Botten/DCAB Staff; Pakalana/Anthurium Room (AIA/CES: 1 HSW LU)**



MAINLAND SPEAKERS

Bill Botten, an Exercise Physiology graduate from the University of Kansas, joined the U.S. Access Board in May of 2000. His training experience includes hundreds of presentations over the last 25 years to local, state, and national audiences on injury prevention, disability awareness and sensitivity, and accessibility issues. He was part of the team that developed the new combined guidelines for the Americans with Disabilities Act and the Architectural Barriers Act. Bill specializes in access issues related to recreation facilities and Outdoor Developed Areas as well as providing technical assistance to the building, design and construction industry, State and Federal agencies and consumers with disabilities.

Bill Hecker, AIA, specializes in accessible design and is an architect licensed in his home state of Alabama as well as Georgia and Colorado. For more than 12 years he has been an expert witness retained by the U.S. Department of Justice to represent the United States in both ADA and Fair Housing Act enforcement efforts. He also consults with developers and designers on what can be done to better ensure that buildings are universally accessible.

Rebecca Stahr, ASID, CAPS, MCSP, CMP, CAASH, is President and Creative Director of LifeSpring Environs, Inc. and is a Certified Aging in Place Specialist with a Masters certificate from Georgia State University. Rebecca's mission is creating awareness and educating on universal design benefits. She is a national speaker and trainer having done training for AARP, The National Association of Home Builders, Greater Atlanta Homebuilders, the local Area Agencies on Aging and Emory University's Center for Lifelong Learning.



LOCAL SPEAKERS

Dean Aoki, ADA Coordinator, Department of Land and Natural Resources. He is a licensed architect that has been involved in various aspects of accessibility for the past 15 years. As the ADA Coordinator for the State of Hawaii's Department of Land and Natural Resources (DLNR), he currently administers DLNR's Transition Plan which addresses accessibility in environments ranging from landscaped grounds with developed facilities to wildland areas with trails and primitive facilities. He also reviews programs that offer varied outdoor recreation (boating, camping, hiking trails, and hunting), heritage opportunities, watershed protection, native resources protection such as unique ecosystems and endangered species of plants and wildlife, and commercial forestry.

Anne Marie Beck, Director, Honolulu Habitat for Humanity. After earning her MBA from Penn State in 1998, Anne Marie Beck has dedicated herself to a career in the field of community development. Anne Marie joined Honolulu Habitat for Humanity as Executive Director in May of 2003 after serving as a member of the Board of Directors for two years. Her previous positions include managing community development and CRA programs for both American Savings Bank and Bank of Hawaii.

Jackie Boland, AARP, Associate State Director for Outreach and Service for AARP Hawaii, and has been with AARP since 1993 when she started as a healthcare reform organizer. Since then she has worked in a variety of capacities on everything from family caregiving to walking for health to grassroots organizing and volunteer recruitment. For the past two years, much of her work has centered around the AARP strategic priority of "livable communities," which focuses on creating mobility options for people as they age and make changes, including home modifications, that allow older adults to age in place. Jackie has a B.A. from the Evergreen State College in Olympia, Washington.

Karen Cooper, Kalakupua Playground Ohana. Karen Cooper, mother and former kindergarten and preschool teacher, became interested in playgrounds after relocating to Maui. Noticing a lack of playgrounds on the island and having seen a playground in Kamuela that sparked her interest, she began the long process of getting a playground built for Kalakupua. Although her eldest child has outgrown the playground age, the friendships and personal growth Karen has gained through her involvement with the Kalakupua playground has been a worthwhile endeavor in itself not just for her but for everyone involved in the project.

Douglas Haigh, Chief of the County of Kauai's Building Division. Douglas Haigh, has been with the County since 1992 and has extensive experience in construction having served as project manager for a multi-million dollar retail store prior to joining the County. Currently Mr. Haigh oversees the County's Building Division staff of 90 people and is responsible for new facility development, maintenance of existing facilities, and code enforcement. He



LOCAL SPEAKERS (cont.)

has acted as project manager for numerous FHWA, FEMA, and HUD grant funded projects within the County.

James Komata, Park Planner for the Department of Parks and Recreation of the County of Hawaii. As Park Planner, James is responsible for the oversight of all park related planning, development, major repairs and maintenance and capital improvement projects for the County. One of the primary focuses for the Department is implementation of its Transition Plan in order to provide programmatic access to all existing county parks and recreation facilities island wide, an effort that has been in progress from before his tenure at the County. James holds a B.A. of Architecture from Washington State University, and prior to joining the County in 2003, he worked for various private firms in Hilo as an architectural designer, project manager and construction manager on numerous private and government projects, many of which were directly related to the issue of architectural barrier removal.

Pete Pascua, Engineer, Wilson Okamoto Corporation. He is a professional engineer licensed in the State of Hawaii with 20 years of experience in engineering studies and design, with emphasis on pedestrian mobility and safety. Pete has and continues to provide technical guidance to design engineers and the numerous governmental agencies on issues related to accessibility. His accessibility experience ranges from site assessments and design, consulting and policy development, to construction inspections and evaluations. Pete has been retained as an expert witness by the U.S. Department of Justice to represent the United States in the traffic engineering and pedestrian safety aspects for cases associated with the ADA.

Paul Sheriff, President and founder of Paul Sheriff Incorporated, assists companies, individual business owners and design professionals by assessing the accessibility compliance of buildings and facilities for persons with disabilities under applicable federal and state laws. Mr. Sheriff is also a federal court monitor appointed by the United States District Court for the District of Hawaii Judges and Magistrate Judges to provide services such as compliance monitoring, mediation, arbitration and implementation of settlement agreements.

Alvin Takeshita, Head of Traffic Division, Department of Transportation. He is a licensed professional engineer with 36 years of service at the Department of Transportation (DOT). Currently serving as the State Traffic Engineer and Traffic Branch Head for the Highways Division, his major responsibilities of the traffic program include statewide oversight of traffic designs, operations and safety. He is also responsible for the Transportation Demand Management program (TDM), permits for construction within State highway rights-of-way, Bicycle/Pedestrian Program, and Safer Routes to School program. Alvin serves as the principal liaison to the Tort Litigation and Land Transportation Divisions of the Department of the Attorney General in legal actions involving the State DOT.

Danny Tengan, Hawaii State Civil Defense. He was formerly the Exercise and Training Officer for State Civil Defense. Now as the Hurricane Planner for Hawaii State Civil Defense, Mr. Tengan is responsible for administering the State hurricane mitigation program that includes retrofit of current emergency shelters, identification of special needs shelters as well as pet friendly shelters. He is also responsible for the generator program and the supply cache for the special needs shelters. Mr. Tengan is the State Civil Defense Crisis Action Team A Leader and deploys to disasters to coordinate damage assessments in areas that have been affected by a disaster. He is also the lead for State Civil Defense to coordinate the Disaster Recovery Centers to assist victims on the road to recovery.

Jean Tessmer, Designer, Space Options Inc. She is a GSA MOBIS Federally Qualified Barrier Free Consultant and professional member of American Society of Interior Designers and National Council for Interior Design Qualification. She has 22 years of experience integrating functional accessible commercial design in Hawaii and on the mainland. As part of her commitment to train other professionals, she speaks at local seminars and has conducted Yosemite NPS accessibility videoconference and FHWA Internet conferences that were broadcast to sites around the country. Jean has provided accessibility expertise for residential, commercial, and government projects, including the USS Arizona Memorial National Historic Park, Kamehameha Schools, Hawaii Kai Executive Centers, Maui County Parks, Parker Ranch Shopping Center, and Happy Hollow Park and Zoo in San Jose, California.

